

## D'Agostino, Daniel

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**From:** D'Agostino, Daniel  
**Sent:** Thursday, June 29, 2017 03:04 PM  
**To:** Garbarini, Doug  
**Cc:** Sinon, Kara; Pabst, Douglas; Thantu, Lorenzo  
**Subject:** RE: Bethpage - Radioactive Material  
**Attachments:** Grumman radiation EPA ltr 6-27-17.pdf

Doug,

The original letter to the administrator is attached. I have a feeling the article below was what prompted the senator's office to send it:

<http://www.newsday.com/long-island/nassau/document-radioactive-materials-were-handled-at-grumman-site-1.13755818>

Based on some materials that Chloe sent me it does seem that Radium in deep groundwater aquifers (where the wells are) tends to be at lower levels, so the issue at the school may not be as bad as it seems. I do have a few questions about the Grumman site regarding what if any radioactive materials were handled there and what type of remediation actions have been taken in recent years. I will see if I can schedule a quick meeting with you and Lorenzo so we can talk this through as I may have to draft some type of response in the future.

Thanks,  
Dan



**Daniel J. D'Agostino**

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**From:** Garbarini, Doug  
**Sent:** Wednesday, June 28, 2017 05:21 PM  
**To:** Metz, Chloe <Metz.Chloe@epa.gov>; D'Agostino, Daniel <D'Agostino.Daniel@epa.gov>  
**Cc:** Sinon, Kara <Sinon.Kara@epa.gov>; Pabst, Douglas <Pabst.Douglas@epa.gov>; Thantu, Lorenzo <Thantu.Lorenzo@epa.gov>; Badalamenti, Salvatore <Badalamenti.Salvatore@epa.gov>  
**Subject:** Re: Bethpage - Radioactive Material

Hi Dan

We have some info and are gathering more info from DEC.

The rad at the High School (groundwater) in Bethpage broke in a news article a couple of weeks ago. DEC was going to do some follow up sampling (the School had done the previous sampling) to make sure it got done correctly. We did not get our hands on the data, but I don't think the levels were all that high and they were from shallow groundwater. Wells in the area are deep.

within the last year DEC had the PRPs at Grumman do some sampling for radium. results were not indicative of an industrial source and were attributed to naturally occurring materials (have similar problems in parts of NJ apparently).

If you want to set up some time to discuss we can do that. Lorenzo Thantu is the project manager and he has a request in to DEC for more info (it is currently being handled more out of their rad group than their superfund group). You can also give Lorenzo a call directly unless you all want to have a discussion.

Doug

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**From:** Metz, Chloe  
**Sent:** Wednesday, June 28, 2017 5:07 PM  
**To:** DAgostino, Daniel  
**Cc:** Sinon, Kara; Pabst, Douglas; Garbarini, Doug  
**Subject:** RE: Bethpage - Radioactive Material

Dan, I'm not sure I can be of much help here, but I am attaching an analysis that the hydro for Northrup Grumman did a little while back on naturally occurring radium in LI groundwater. I'm also copying Doug Garbarini, the New York Remedial Branch Chief, since I know he had many discussions on this subject. Maybe we could all chat in the next couple of days? Let me know what works for you. Thanks!

Chloe Metz  
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**From:** DAgostino, Daniel  
**Sent:** Wednesday, June 28, 2017 9:58 AM  
**To:** Metz, Chloe <[Metz.Chloe@epa.gov](mailto:Metz.Chloe@epa.gov)>  
**Cc:** Sinon, Kara <[Sinon.Kara@epa.gov](mailto:Sinon.Kara@epa.gov)>; Pabst, Douglas <[Pabst.Douglas@epa.gov](mailto:Pabst.Douglas@epa.gov)>  
**Subject:** Bethpage - Radioactive Material

Hi Chloe,

We got a request to determine if any radioactive materials are having impacts on the drinking water systems surrounding Bethpage. Could we have a chat about this in the near future?

Hope you are doing well,

Dan



**Daniel J. D'Agostino**

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